
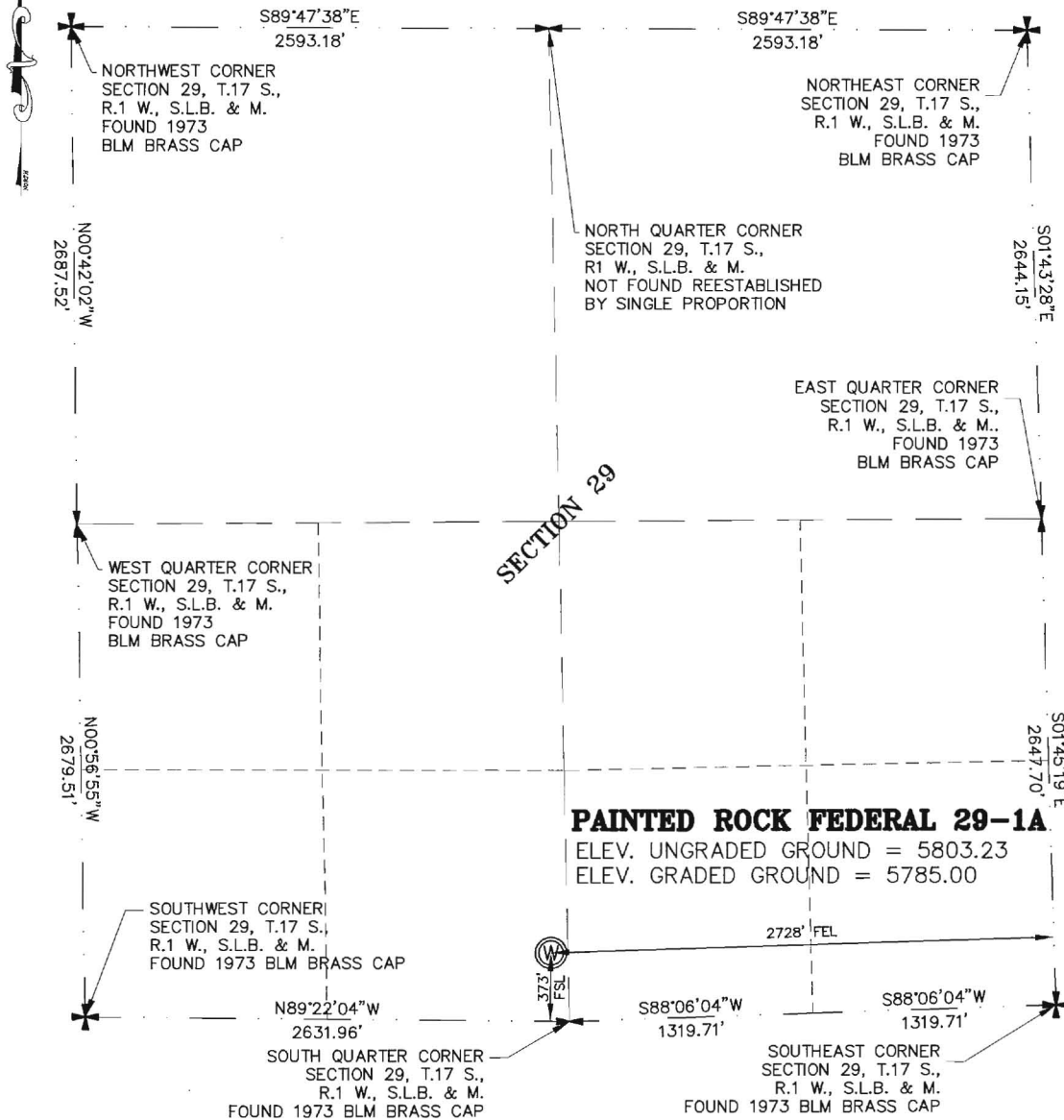


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING				FORM 3 AMENDED REPORT <input type="checkbox"/>		
APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER Painted Rock Federal 29-1A		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT WILDCAT		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
6. NAME OF OPERATOR WOLVERINE OPERATING COMPANY OF UTAH, LLC				7. OPERATOR PHONE 435 896-1943		
8. ADDRESS OF OPERATOR 1140 N. Centennial Park Dr., Richfield, UT, 84701				9. OPERATOR E-MAIL ciron@wolvgas.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-081346		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	373 FSL 2728 FEL	SESW	29	17.0 S	1.0 W	S
Top of Uppermost Producing Zone	471 FSL 1636 FEL	SWSE	29	17.0 S	1.0 W	S
At Total Depth	471 FSL 1636 FEL	SWSE	29	17.0 S	1.0 W	S
21. COUNTY SANPETE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 471		23. NUMBER OF ACRES IN DRILLING UNIT 40		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0		26. PROPOSED DEPTH MD: 13800 TVD: 13660		
27. ELEVATION - GROUND LEVEL 5785		28. BOND NUMBER BLM WYB000616		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Fayette Town		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Charles Irons		TITLE Senior Landman		PHONE 435 896-1943		
SIGNATURE		DATE 10/04/2010		EMAIL ciron@wolvgas.com		
API NUMBER ASSIGNED 43039500040000		APPROVAL  Permit Manager				

SECTION 29, T.17 S., R.1 W., S.L.B. & M.



BASIS OF BEARING

BASIS OF BEARING USED WAS S88°06'04"W BETWEEN THE SOUTHEAST CORNER AND THE SOUTH 1/4 CORNER OF SECTION 29, T.17 S., R.1 W., S.L.B. & M.

COORDINATE DATUM = NAD 83
WELL LATITUDE: 39°17'40.050" OR 39.29445833
WELL LONGITUDE: -111°56'50.164" OR -111.9472678

PROJECT

WOLVERINE OPERATING COMPANY OF UTAH, LLC
WELL LOCATION, LOCATED AS SHOWN
IN THE SE 1/4 OF THE SW 1/4 OF
SECTION 29, T.17 S., R.1 W., S.L.B. & M.
SANPETE COUNTY, UTAH

LEGEND



SECTION CORNER AS NOTED
QUARTER CORNER AS NOTED
PROPOSED WELL LOCATION

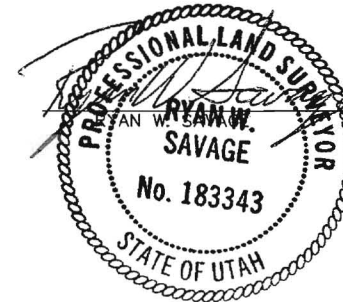
NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT
PAINTED ROCK FEDERAL 29-1A
LOCATED IN THE SE 1/4 OF THE SW 1/4 OF
SECTION 29, T.17 S., R.1 W., S.L.B. & M.
SANPETE COUNTY, UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON REFERENCE MARK TO TRIANGULATION
STATION MW2, LOCATED IN THE NORTHWEST 1/4 OF SECTION
13, T.18 S., R.2 W., S.L.B. & M.
ELEVATION USED 7841.71.

CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER
MY SUPERVISION, AND THAT THE SAME ARE TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



DATE:

GRAPHIC SCALE



1 inch = 1000 ft.

Savage Surveying, Inc.



LOCATION PLAT PAINTED ROCK FEDERAL 29-1A

WOLVERINE OPERATING COMPANY OF UTAH, LLC

	DRAWING NAME PR29-1A	SCALE 1" = 1000'	DATE 9/21/10	PROJECT NUMBER 1004-011S	SHEET NUMBER 1
DESIGNED BY: TM	SURVEYED BY: TKS	CHECKED BY: RWS	DRAWN BY: RWS		